

## ABSTRACT

The invention concerns the use of an immunogen specific of a pathogenic agent with a gateway in the buccal mucous membrane region, for producing a vaccine composition to

5 be administered in the floor of the mouth in a human being so as to develop directly a local response in IgA antibodies and in B cells secreting IgA in the buccal mucous membrane, saliva and ganglions draining said mucous membrane. The invention also concerns a vaccine composition capable of being applied in the floor of the mouth in a human being to induce local and systemic immunity in IgA antibodies, substantially

10 consisting of a material adhering or not to the buccal mucous membrane and containing an immunogen specific of the pathogenic agent with a gateway into the buccal mucous membrane.

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$